

TINA2-RS

~14° spot beam optimized for Nichia NS6x83.
Assembly with holder and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 16.1 mm
Height	11 mm
Fastening	tape
ROHS compliant	yes ⓘ

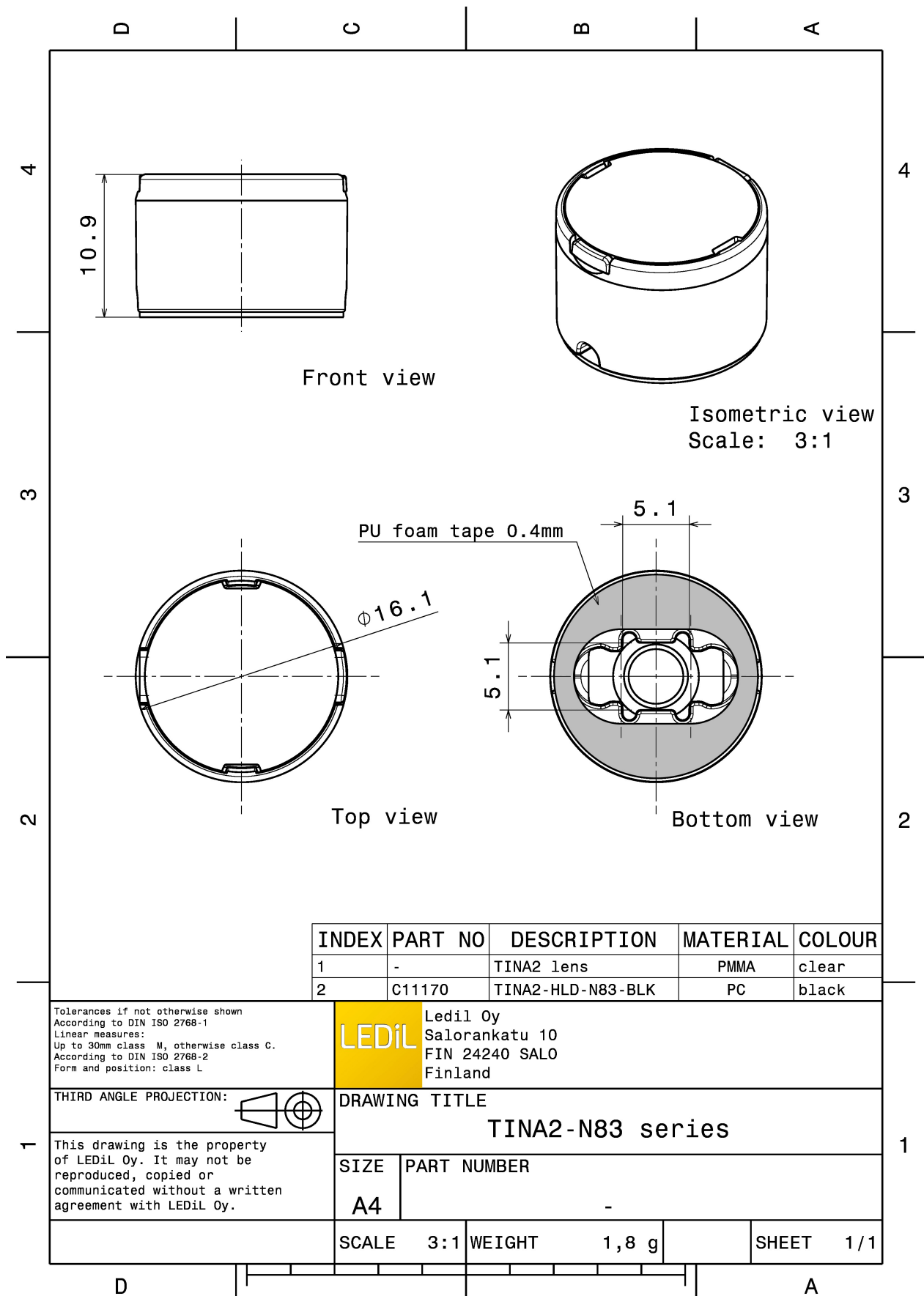
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
TINA2-HLD-N83-BLK	Holder	PC	black	
TINA-TAPE3	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11171_TINA2-RS	Single lens	4140	230	230	0.0
» Box size: 451 x 241 x 298 mm					

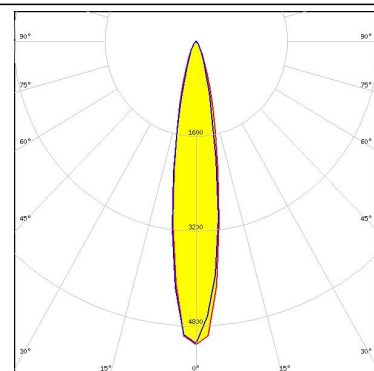




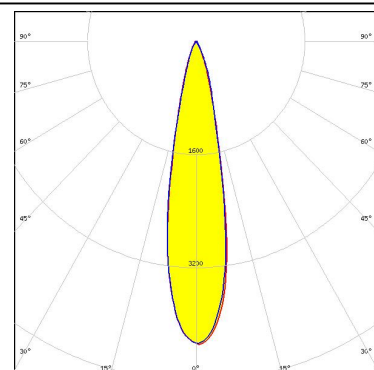
PHOTOMETRIC DATA (MEASURED):



LED MX-6
FWHM 18.0°
Efficiency 89 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



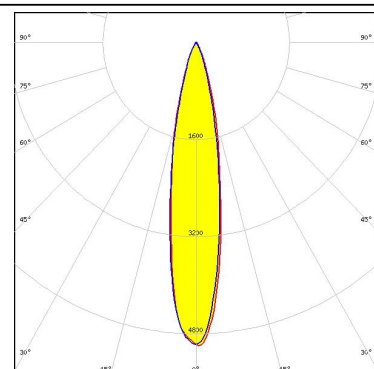
LED LUXEON V
FWHM 21.0°
Efficiency 82 %
Peak intensity 4.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS3x83
FWHM 15.0°
Efficiency 93 %
LEDs/each optic 1
Light colour White
Required components:



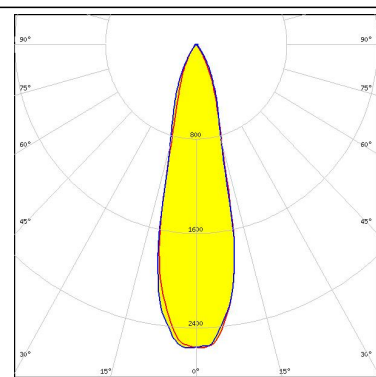
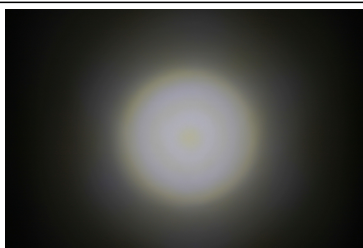
LED NS6x83
FWHM 19.0°
Efficiency 93 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

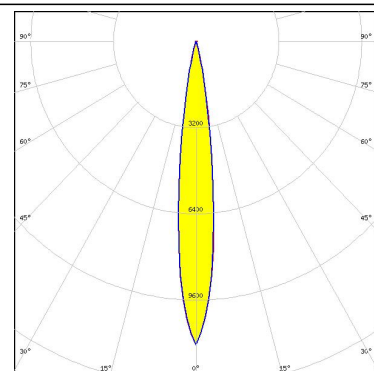
LED LH508A
FWHM 26.0°
Efficiency 76 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



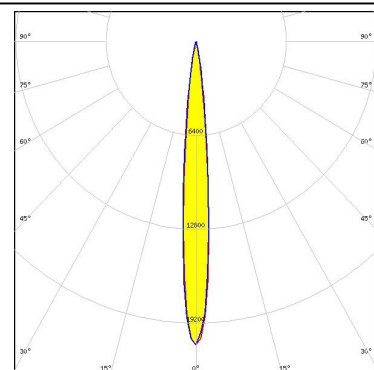
PHOTOMETRIC DATA (SIMULATED):



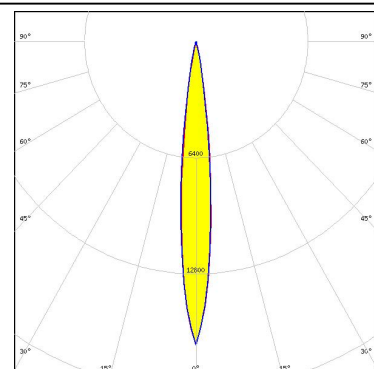
LED XT-E
FWHM 14.0°
Efficiency 85 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



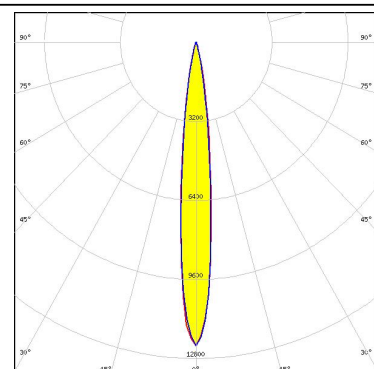
LED SFH 4715AS
FWHM 10.0°
Efficiency 89 %
Peak intensity 20.7 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



LED SFH 4716AS
FWHM 12.0°
Efficiency 88 %
LEDs/each optic 1
Light colour IR
Required components:



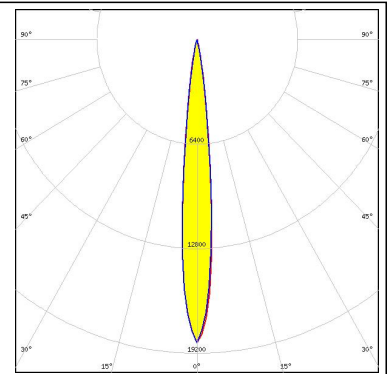
LED SFH 4717AS
FWHM 12.0°
Efficiency 85 %
Peak intensity 12.3 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4725S
FWHM	12.0°
Efficiency	89 %
LEDs/each optic	1
Light colour	IR
Required components:	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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